

~~SECRET~~G-MB - 752/63  
15 November 1963

MEMORANDUM FOR: Chief, Defensive Systems Division, OSI

ATTENTION :

THRU :

FROM :

SUBJECT :

REFERENCE :

[REDACTED]

Chief, RB/RG/CGS

Chief, CIA/PID (NPIC)

Soviet "J" Class Submarine Scale Drawing

Requirement No. C-SI-80,615 (Project No. C 1334-63)

1. In response to Requirement No. C-SI-80,615 (C 1334-63), a preliminary photographic analysis was performed on 42 black and white photographs in order to determine the principal dimensions of the new Soviet "J" Class submarine.

2. A scale drawing of the Soviet "J" Class submarine is hereby forwarded as an enclosure to this memorandum. Wherever possible all major visible components of this submarine have been labelled with the mensural data obtained from this study.

3. The canvas covered object located in the forward portion of the sail cannot be identified at this time. It should be noted, however, that the after portion of this object does appear to have a horizontal cut paraboloid shape [REDACTED] across its horizontal axis) facing aft toward the bridge. Other dimensions for this canvas covered object are as indicated on the enclosed scale drawing.

4. The mensural analysis on this study was performed by [REDACTED] CIA/TID/TAB (NPIC). The finished scale drawing was produced by [REDACTED] CIA/PD/GAB (NPIC). The photo analysis and coordination on this project was performed by [REDACTED] CIA/PID/GMB (NPIC), who may be contacted on [REDACTED] for any additional information.

ENCLOSURE:

Scale Drawing NPIC H-5577 (11/63) Co

DECLASS REVIEW by  
NGA~~SECRET~~

Excluded

X1

25X1  
25X1

25X1

25X1

25X1

# SOVIET 'J' CLASS SUBMARINE

ACCURACY  $\pm 5\%$

## REASONS:

1. ALL MEASUREMENTS TAKEN FROM UNSTABLE, PAPERBACK PRINTS
2. OBLIQUITY OF PRINTS
3. LACK OF INFORMATION ABOUT TAKING CAMERA
  - A. FLYING HEIGHT
  - B. DEPRESSION ANGLE, ETC.

## METHOD USED TO OBTAIN MEASUREMENTS

SCALE RATIO USING FOLLOWING INFORMATION:

1. DRAFT MARKS ALONG HULL
  - A. LONG MARKS -
  - B. SHORT MARKS -
2. RESCUE BUOY OUTER DIAMETER -
3. STANCHION POSTS -
4. HATCH RINGS OUTER DIAMETER -

NOTE: ALL MEASUREMENTS ARE EITHER VERTICAL OR HORIZONTAL MEASUREMENTS. THE DISTANCES ALONG CURVED SURFACES ARE NOT MEASURED.

SCALE 1:120



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